

FIG. 1

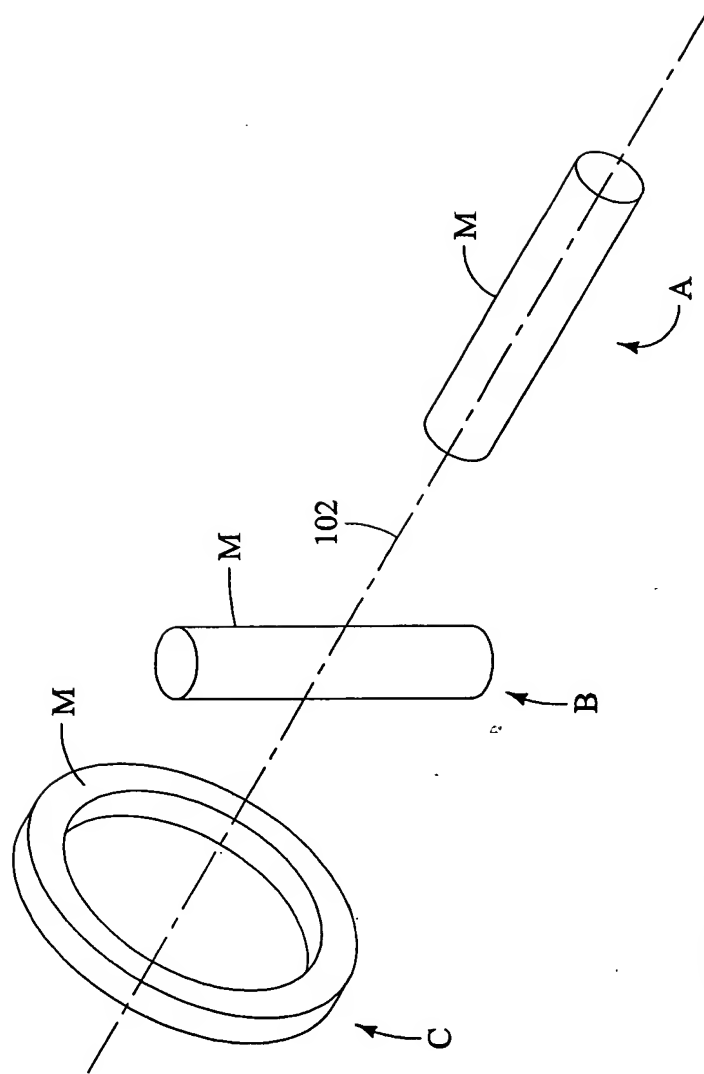
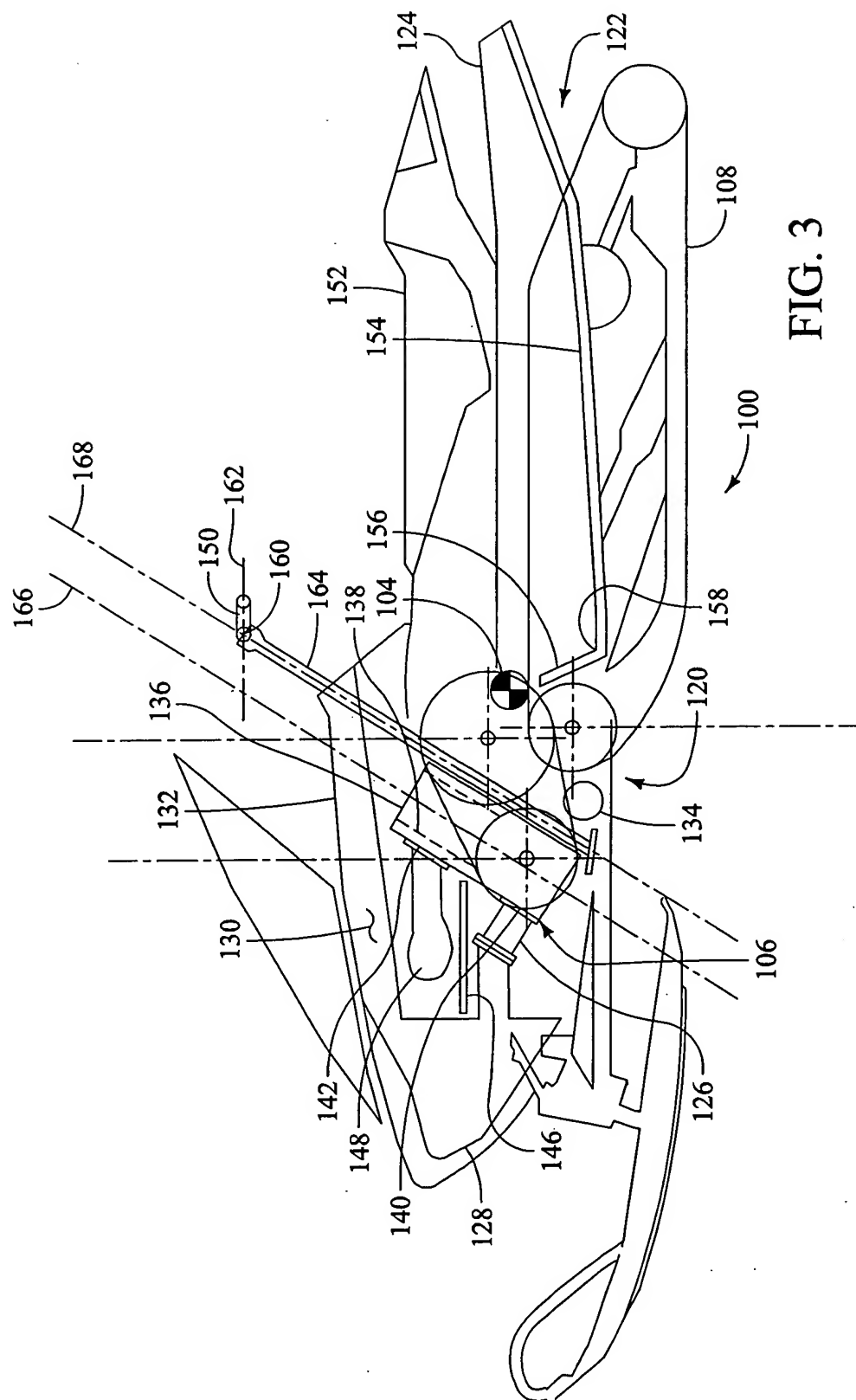


FIG. 2



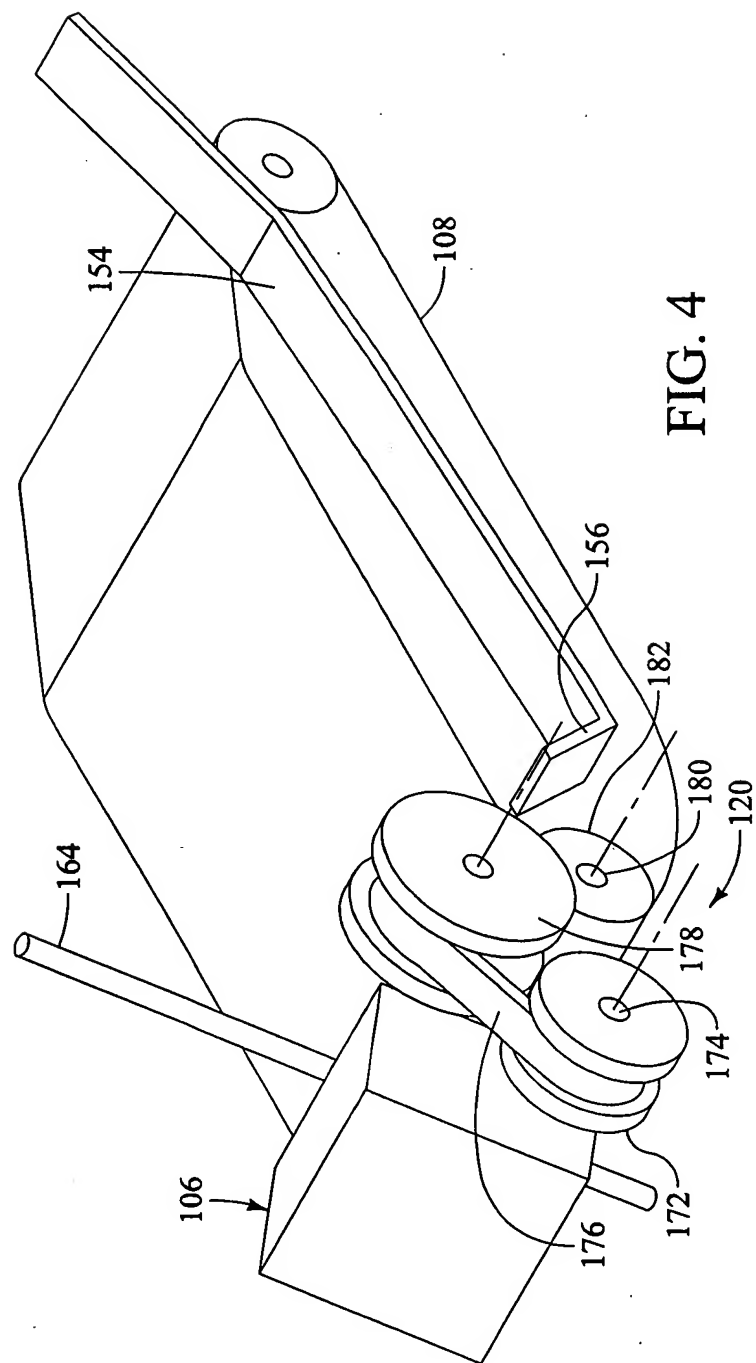


FIG. 4

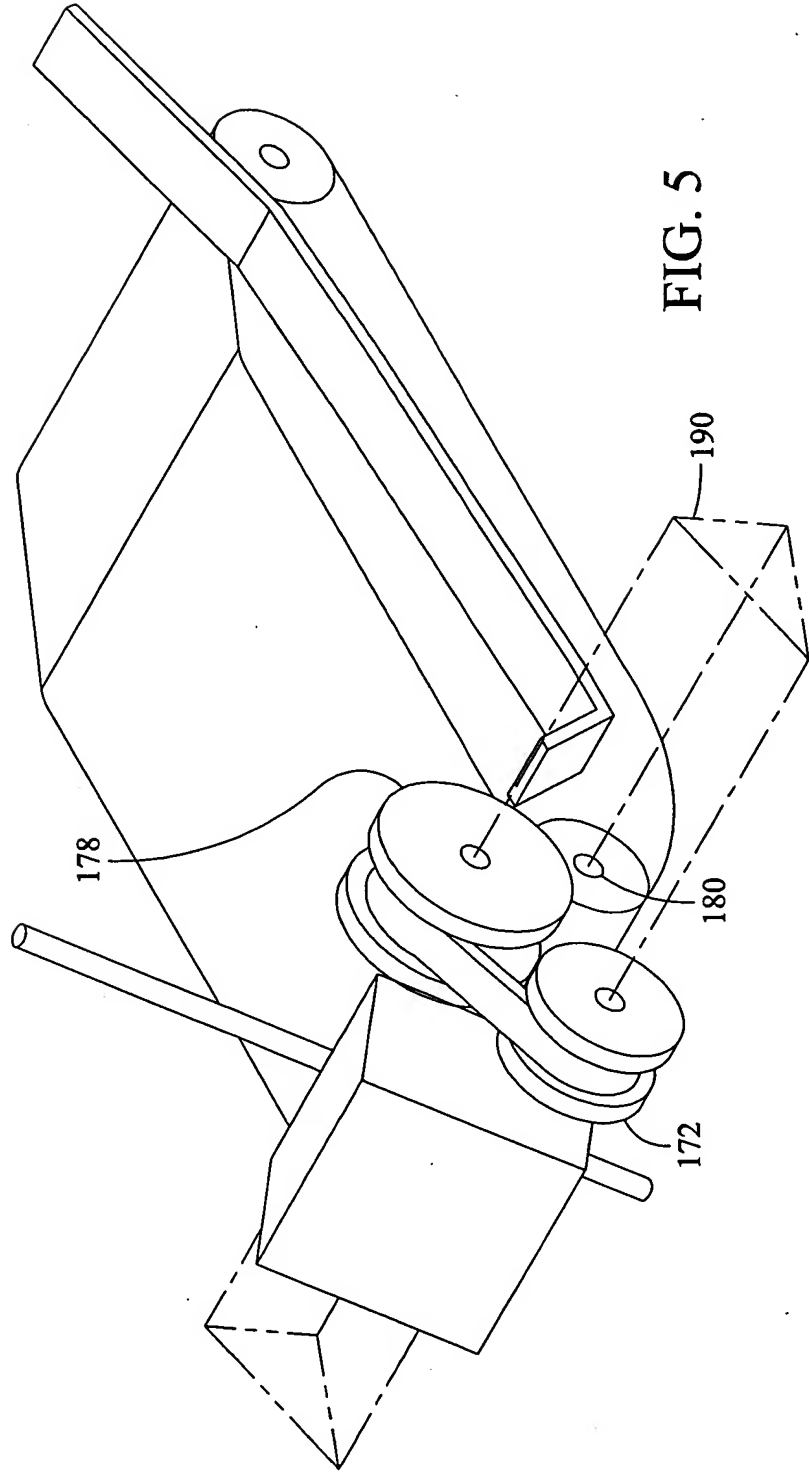


FIG. 5

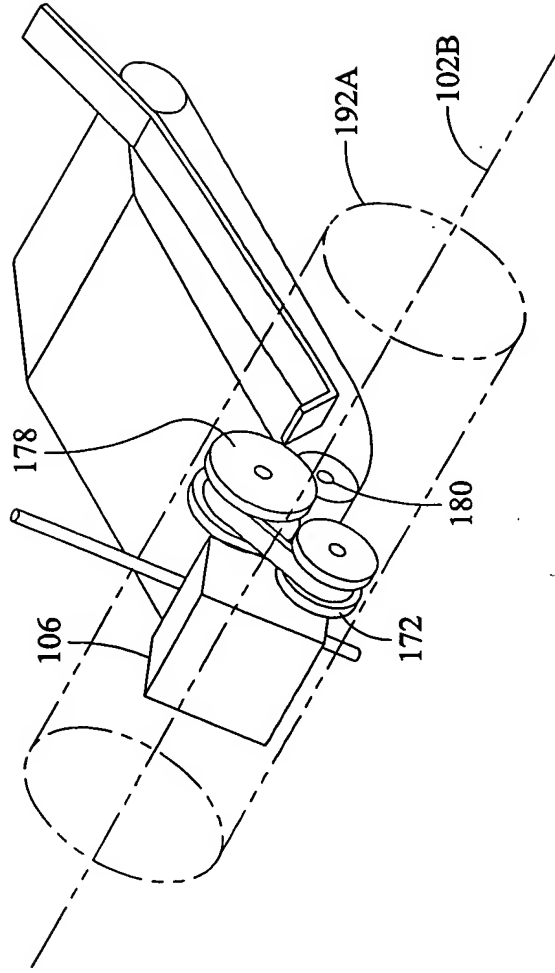
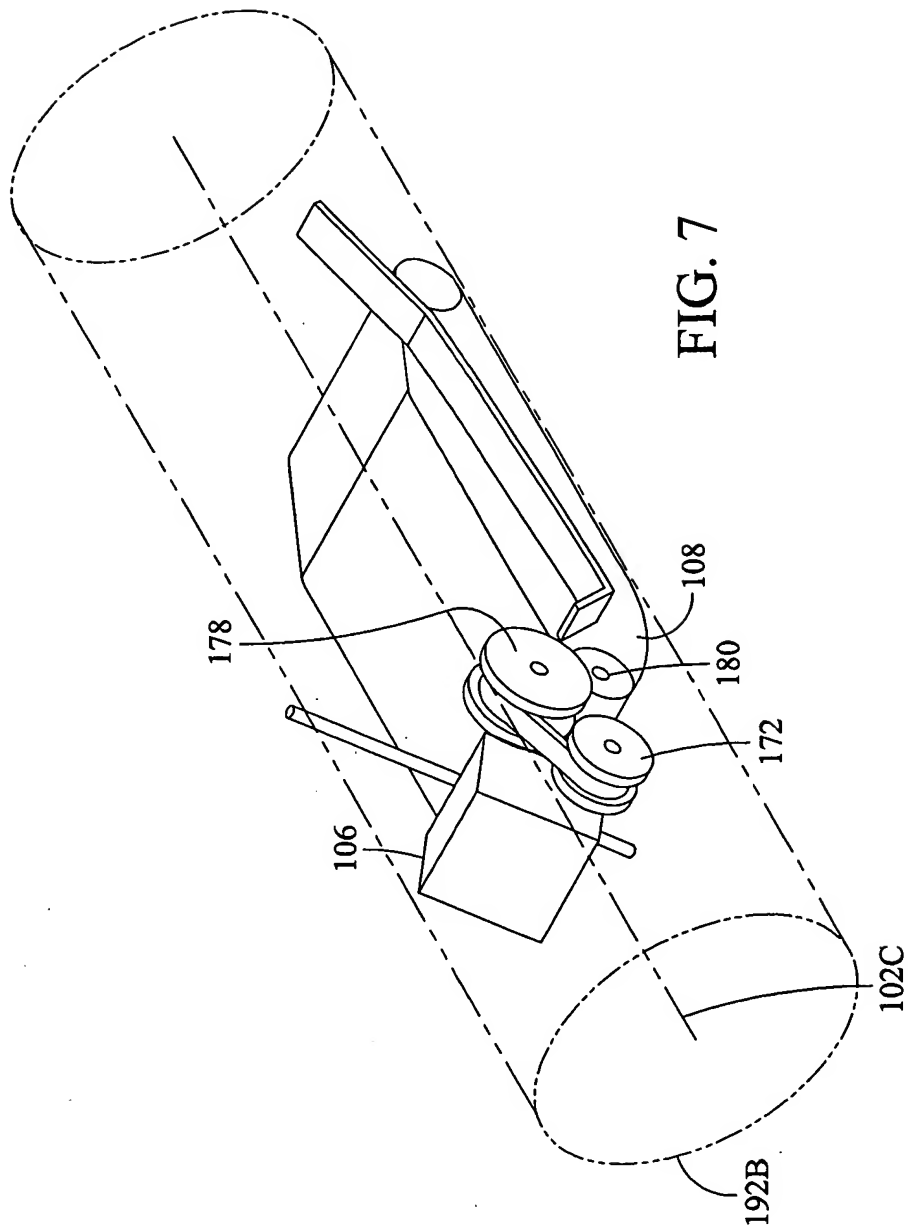
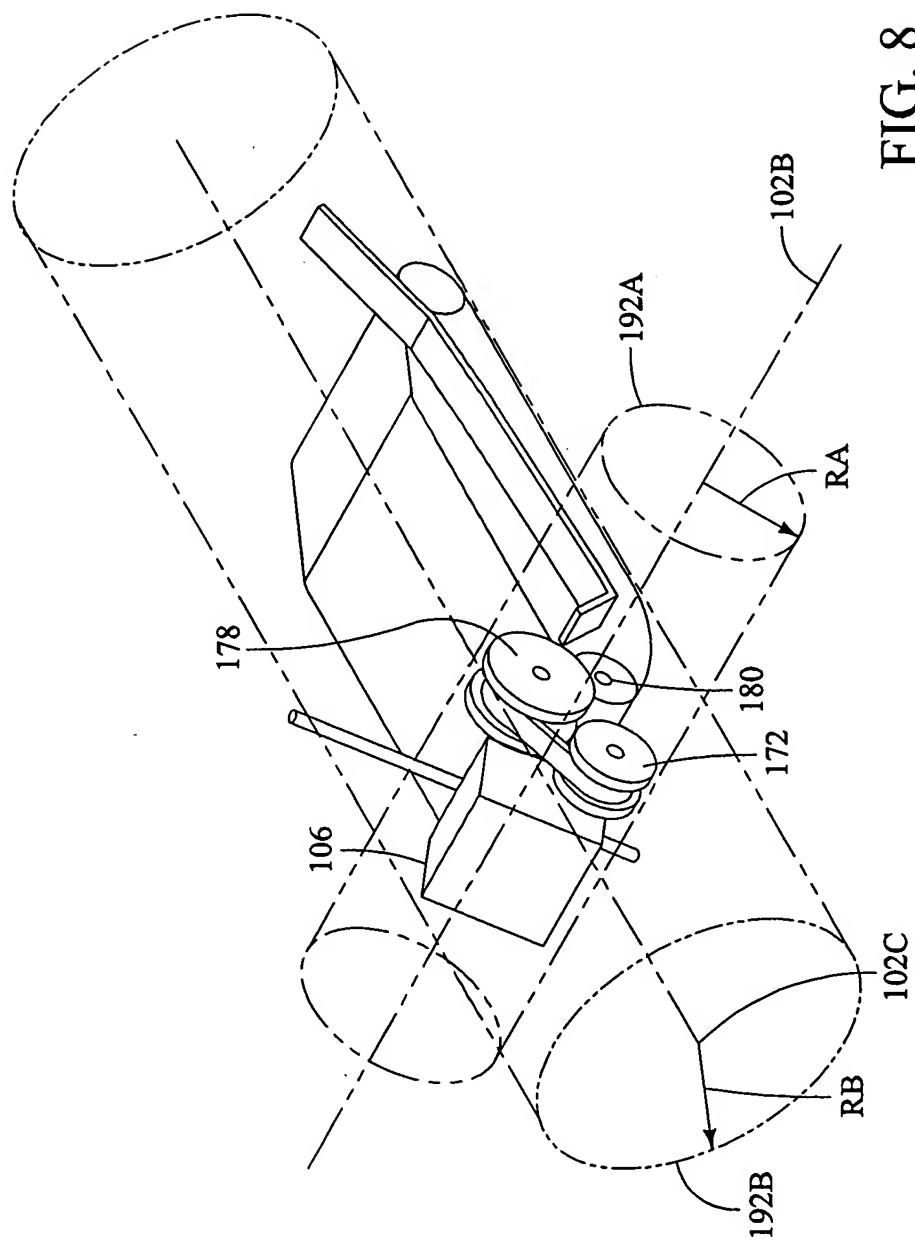


FIG. 6





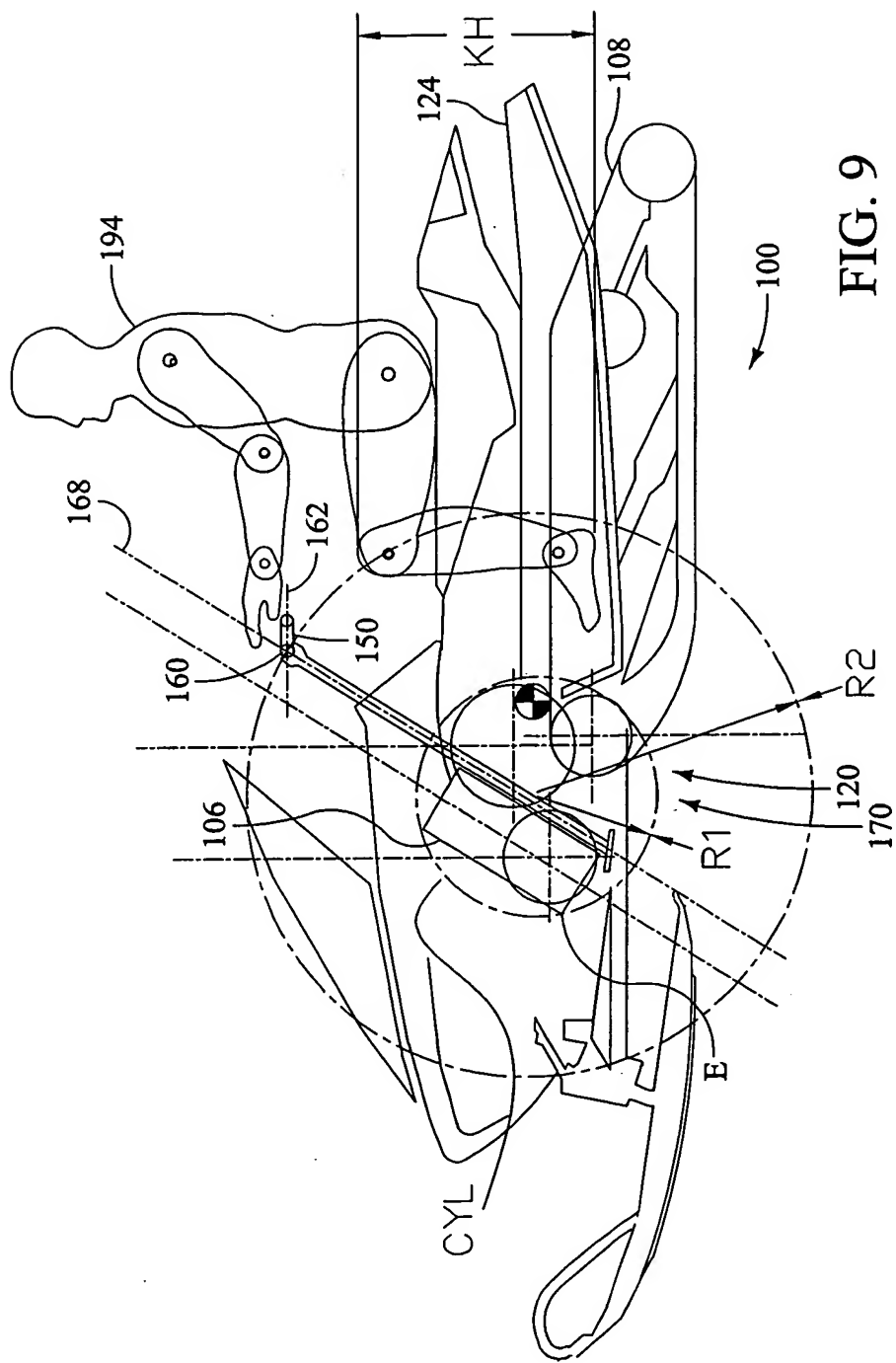


FIG. 9

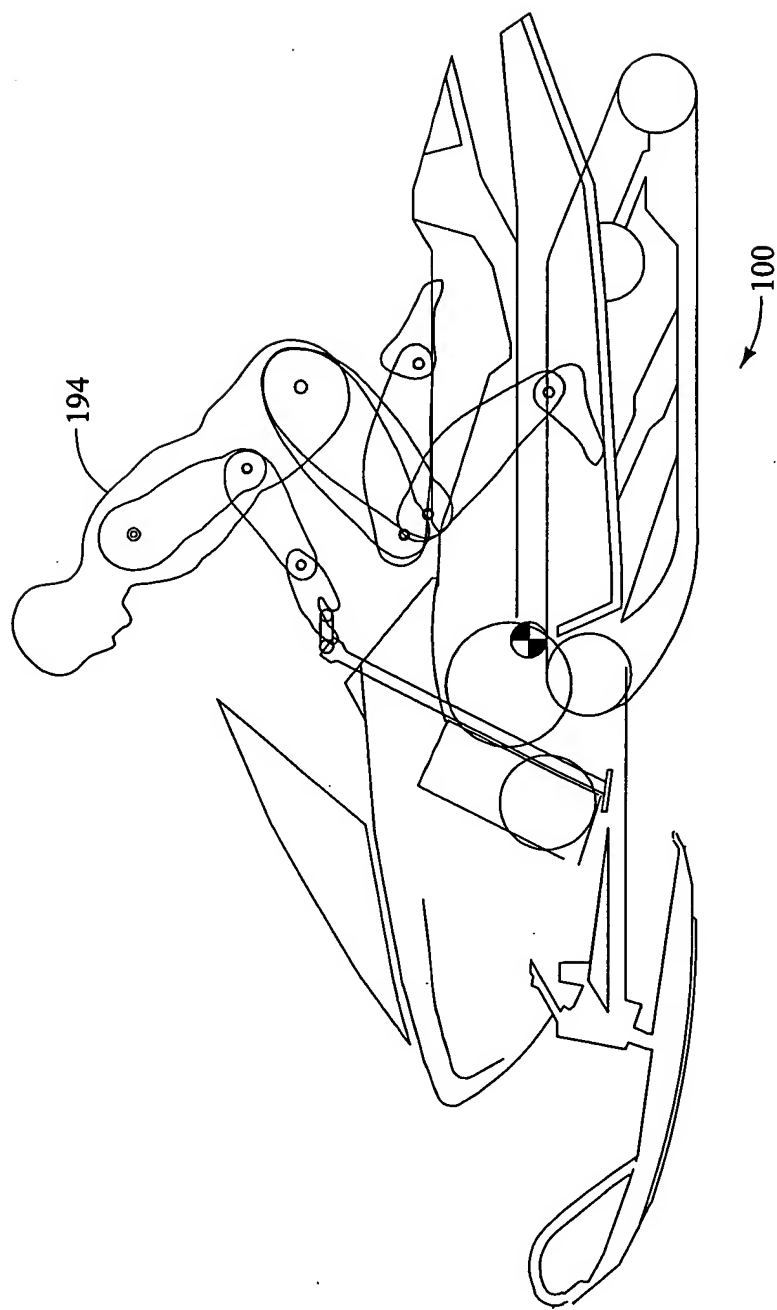


FIG. 10

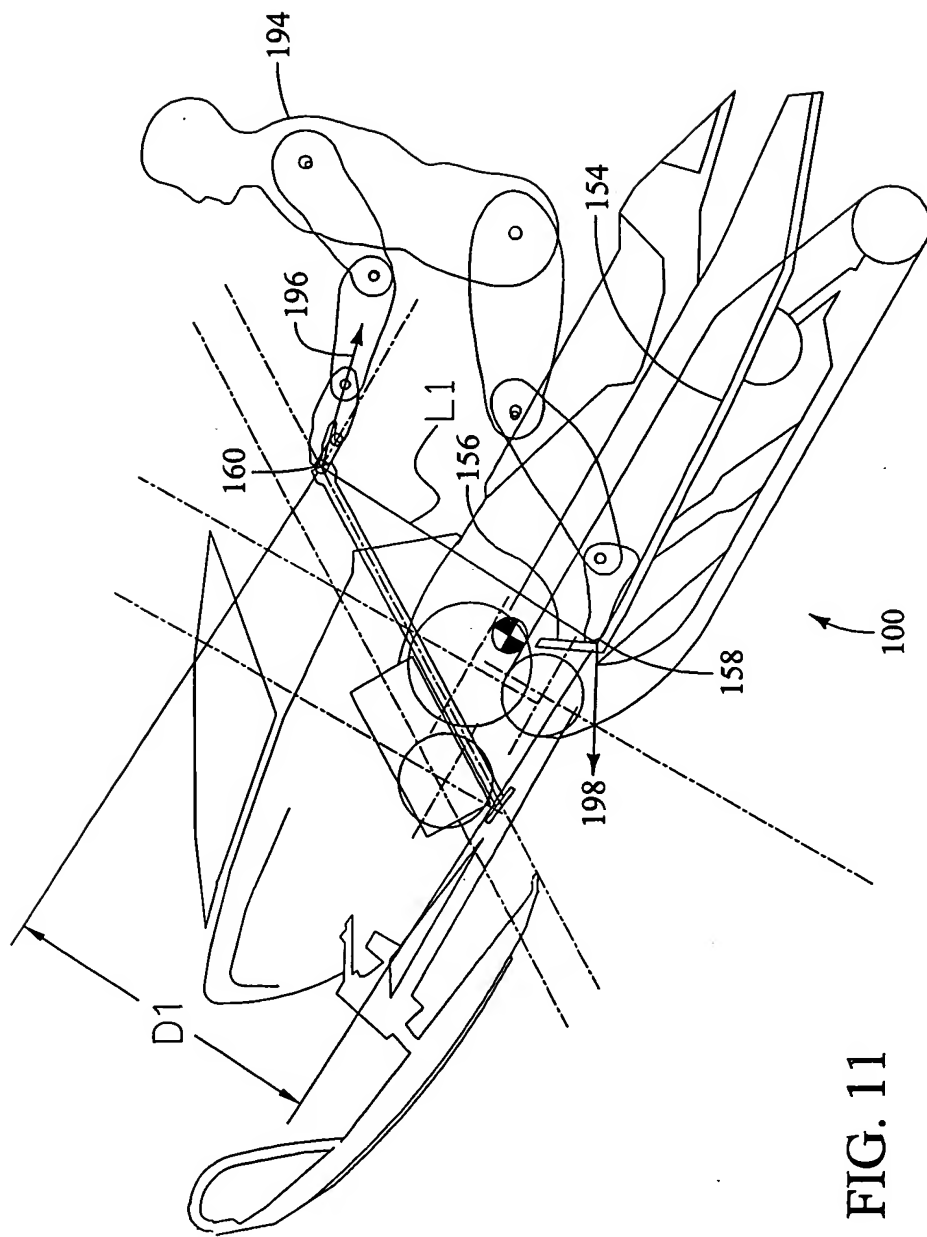


FIG. 11

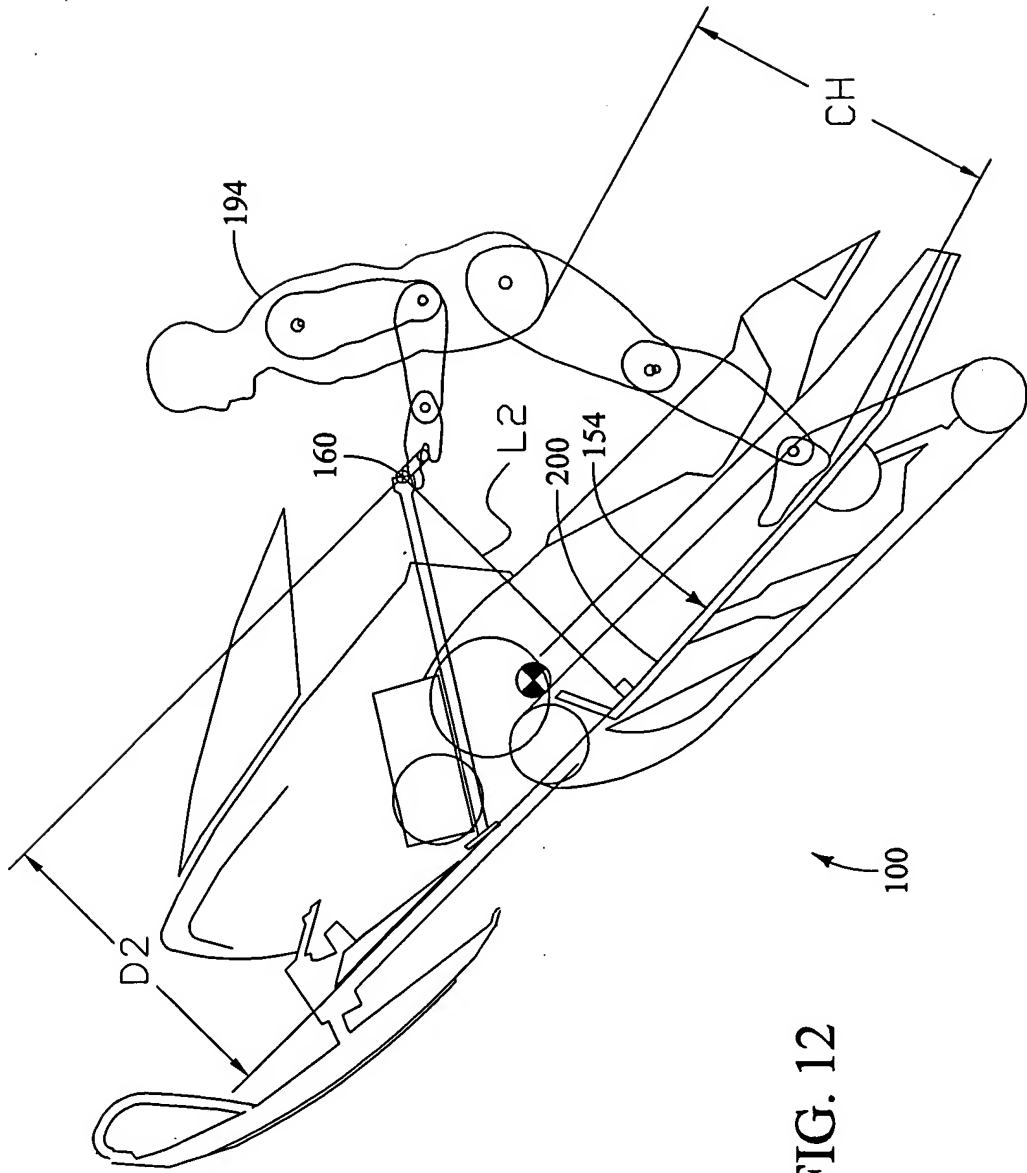
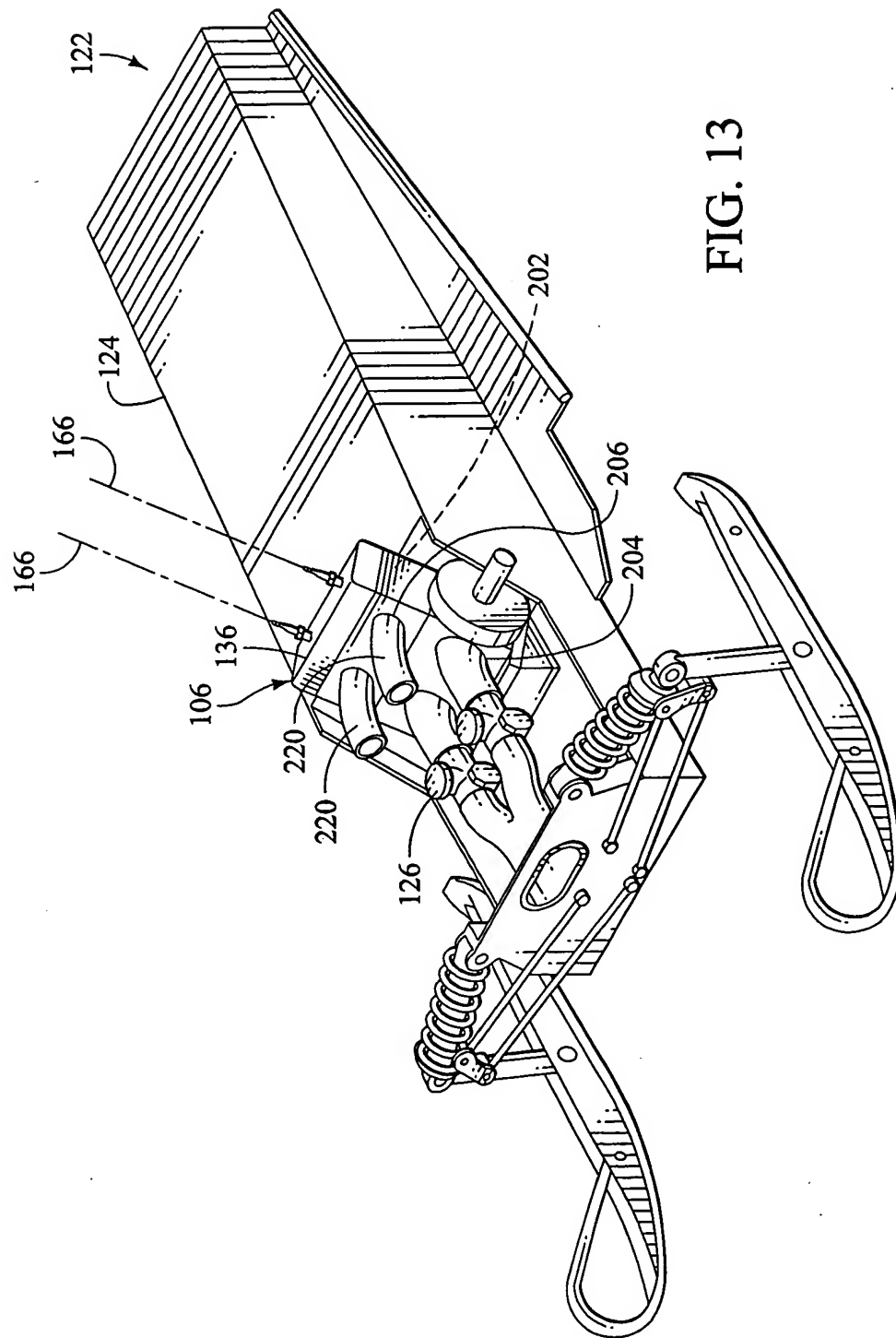


FIG. 12



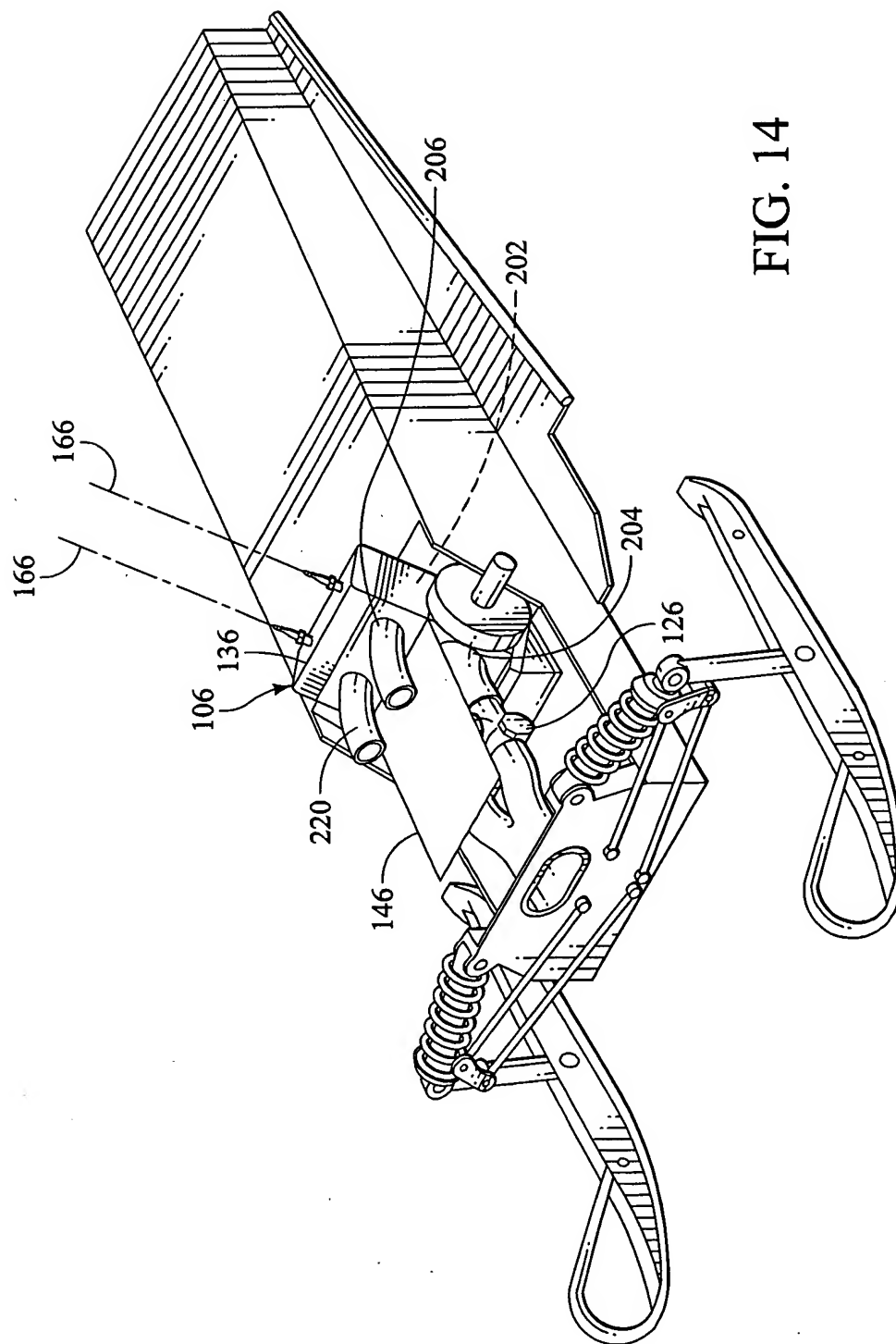
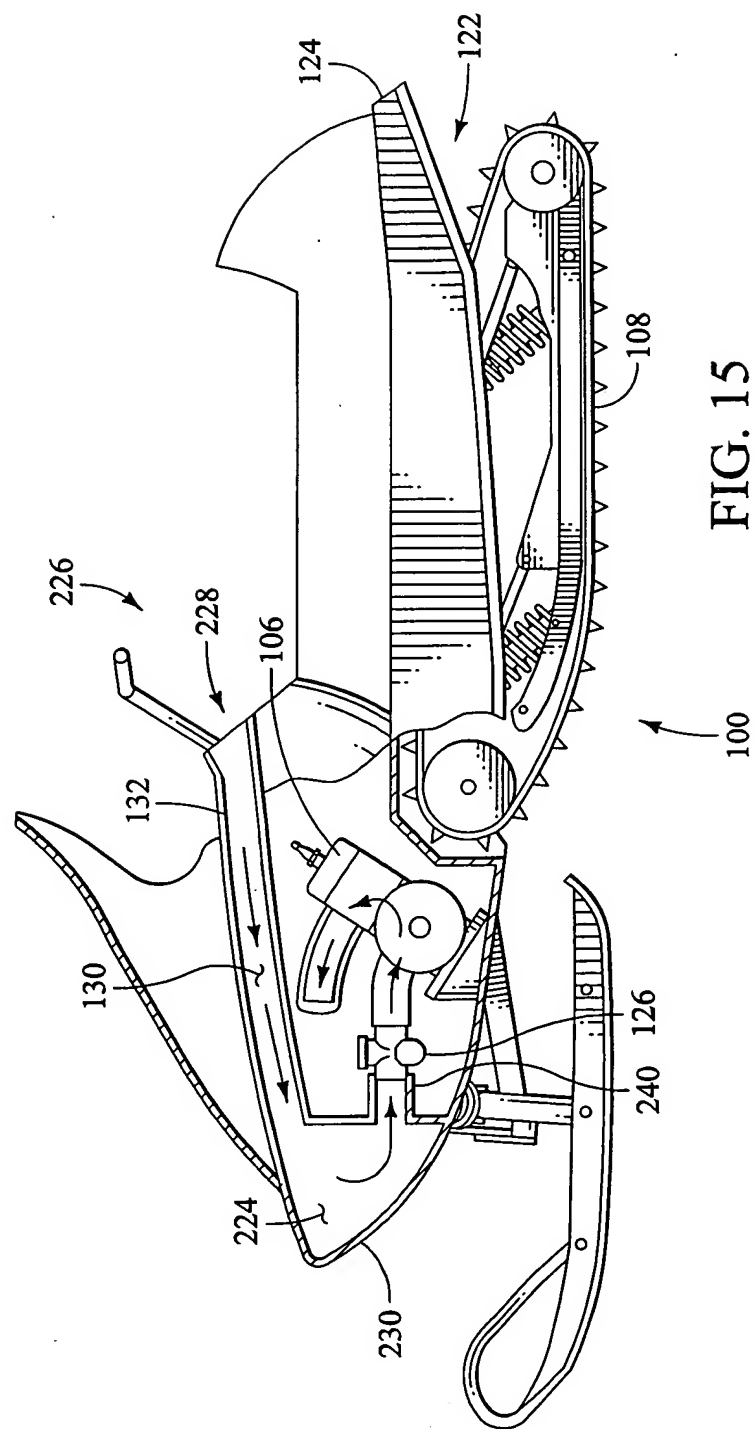


FIG. 14



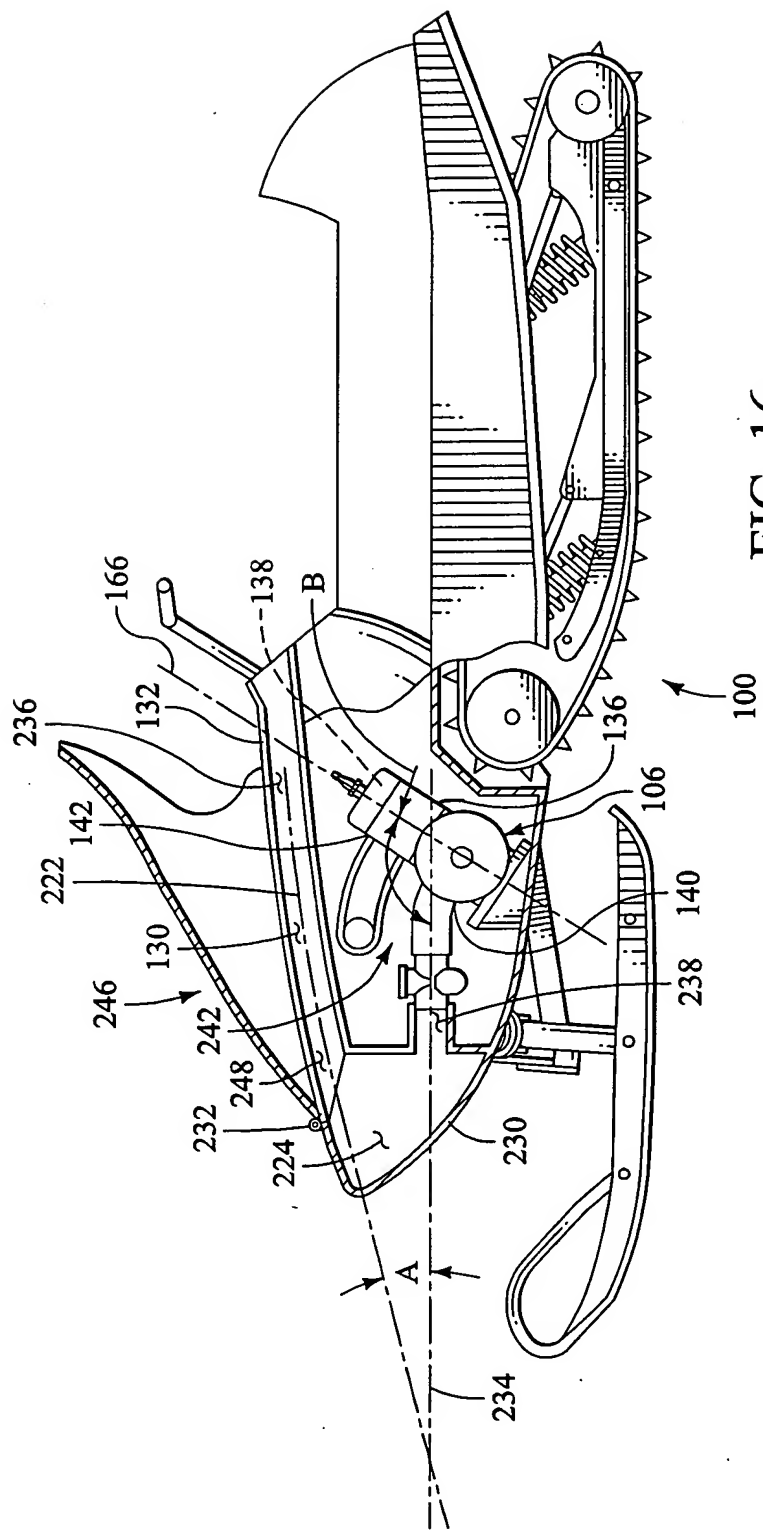


FIG. 16

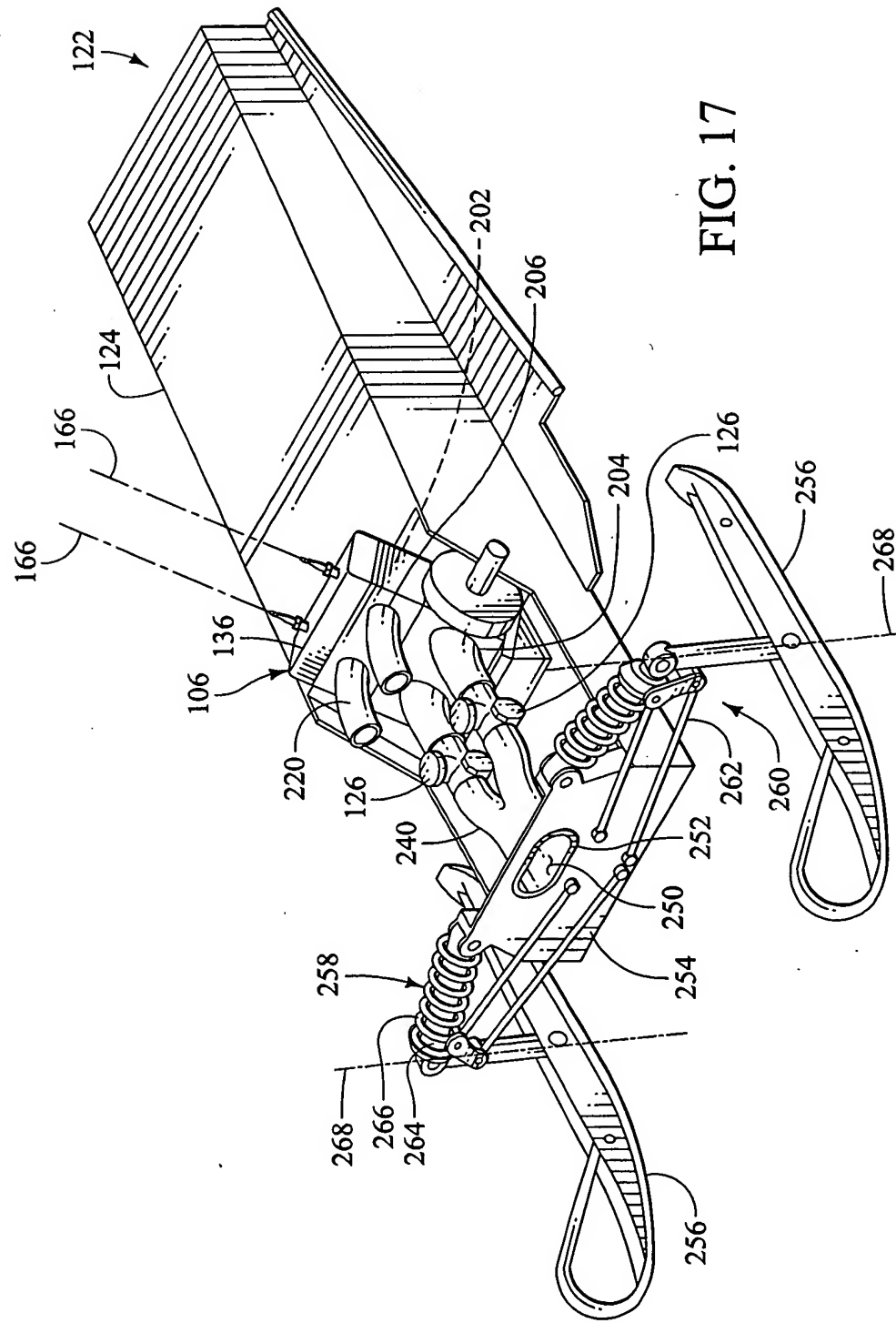
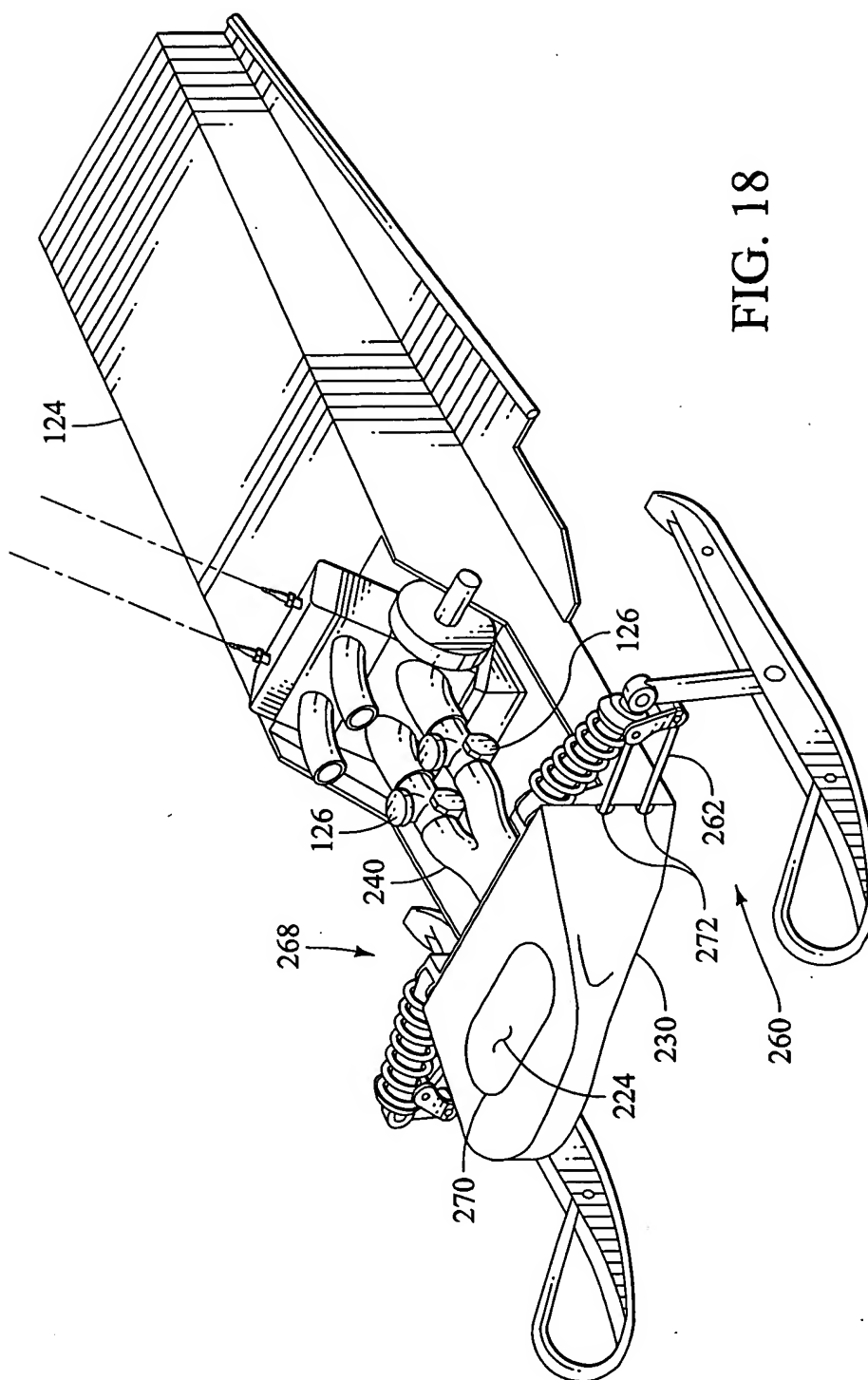


FIG. 17



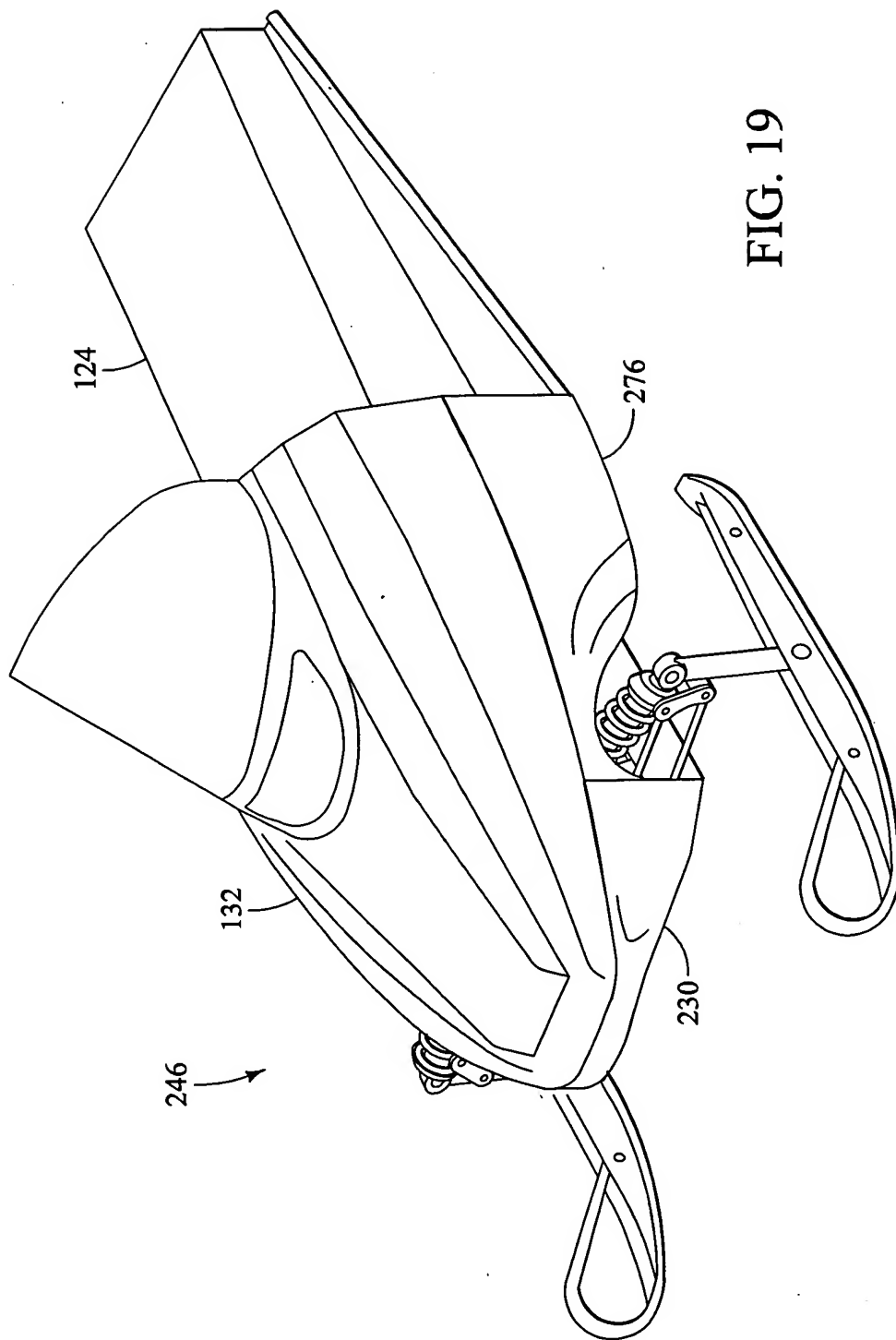
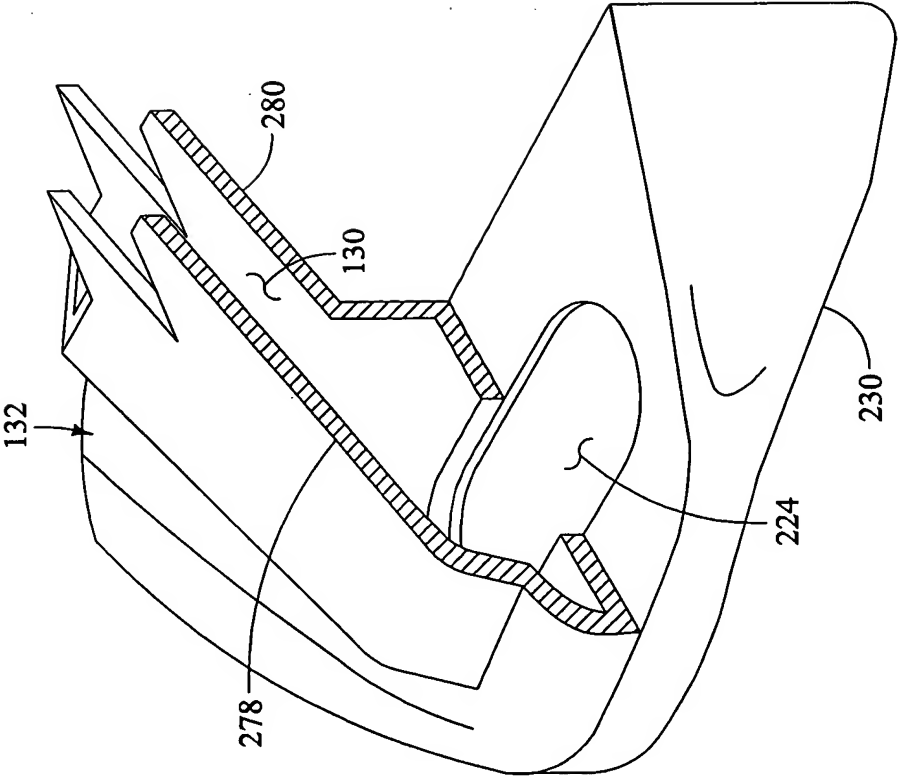


FIG. 19

FIG. 20



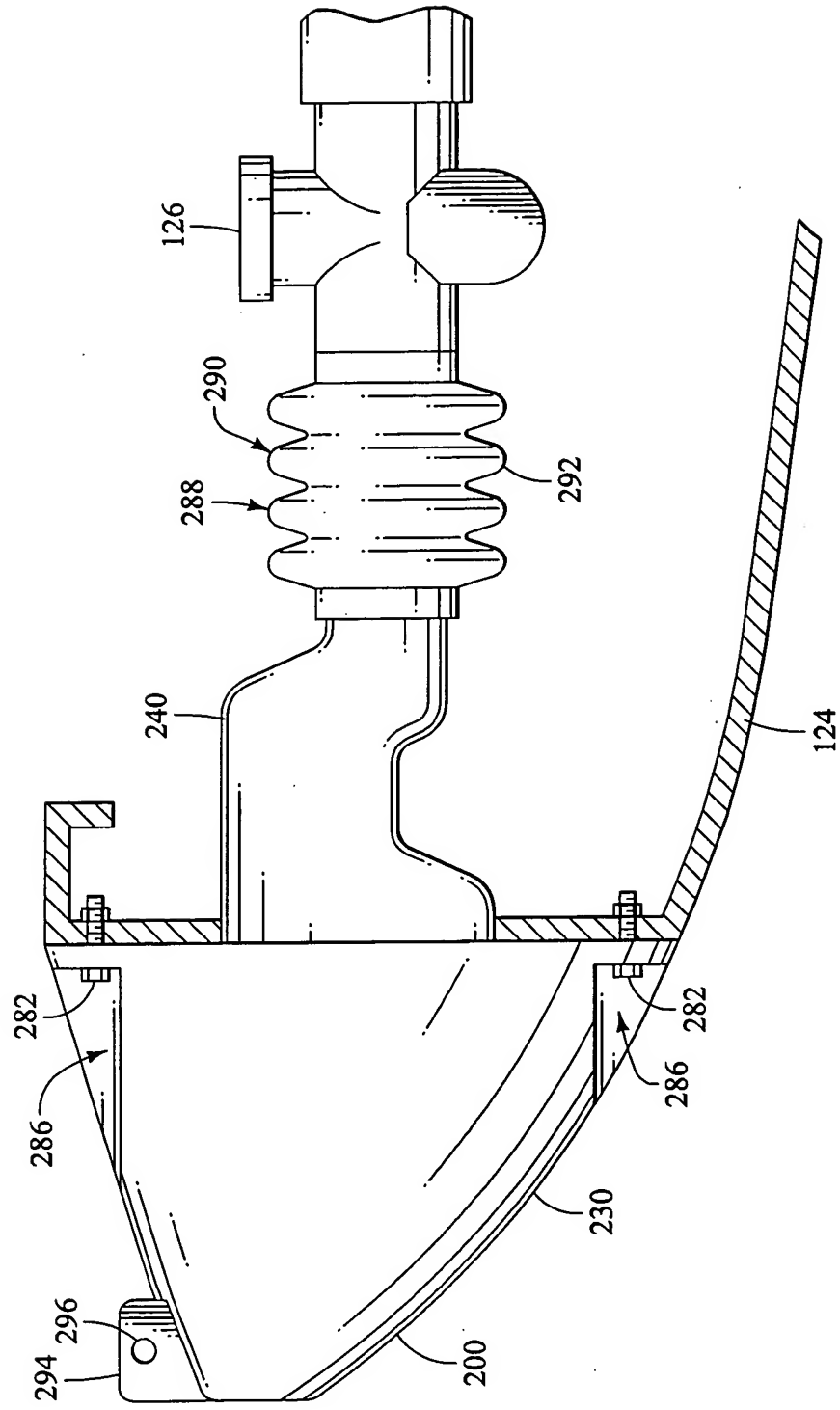
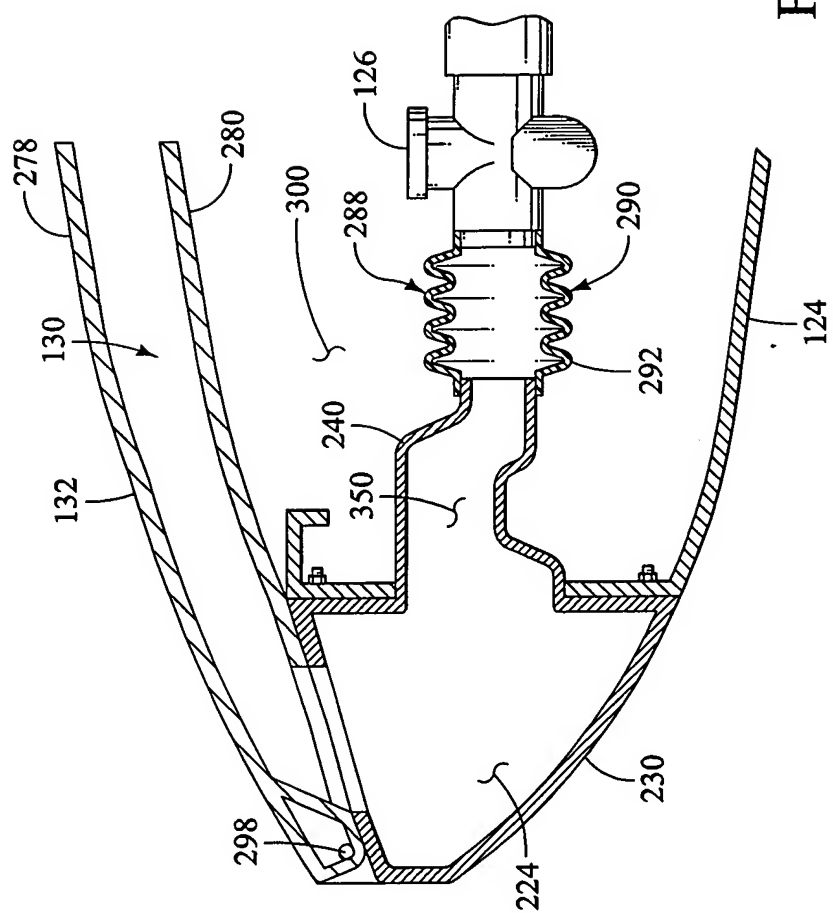


FIG. 21



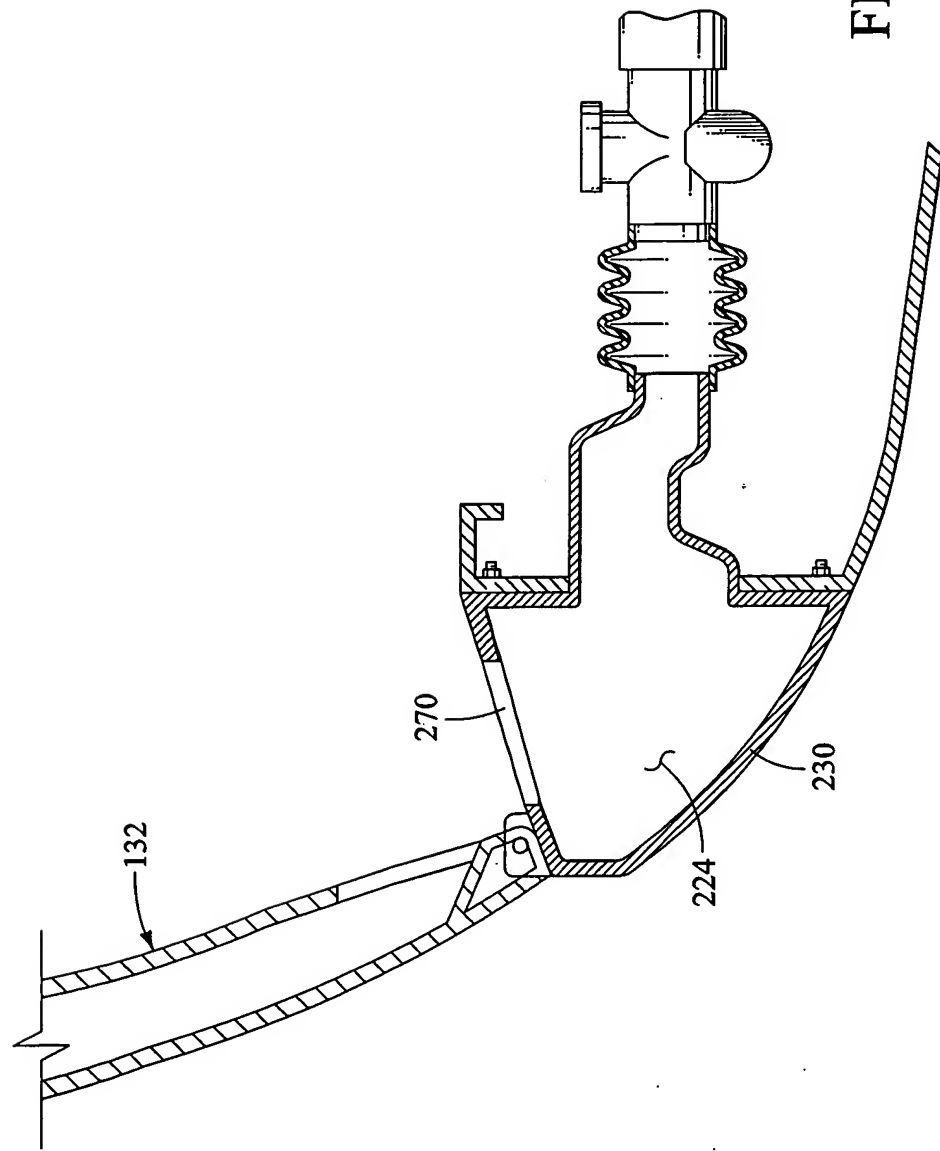


FIG. 23

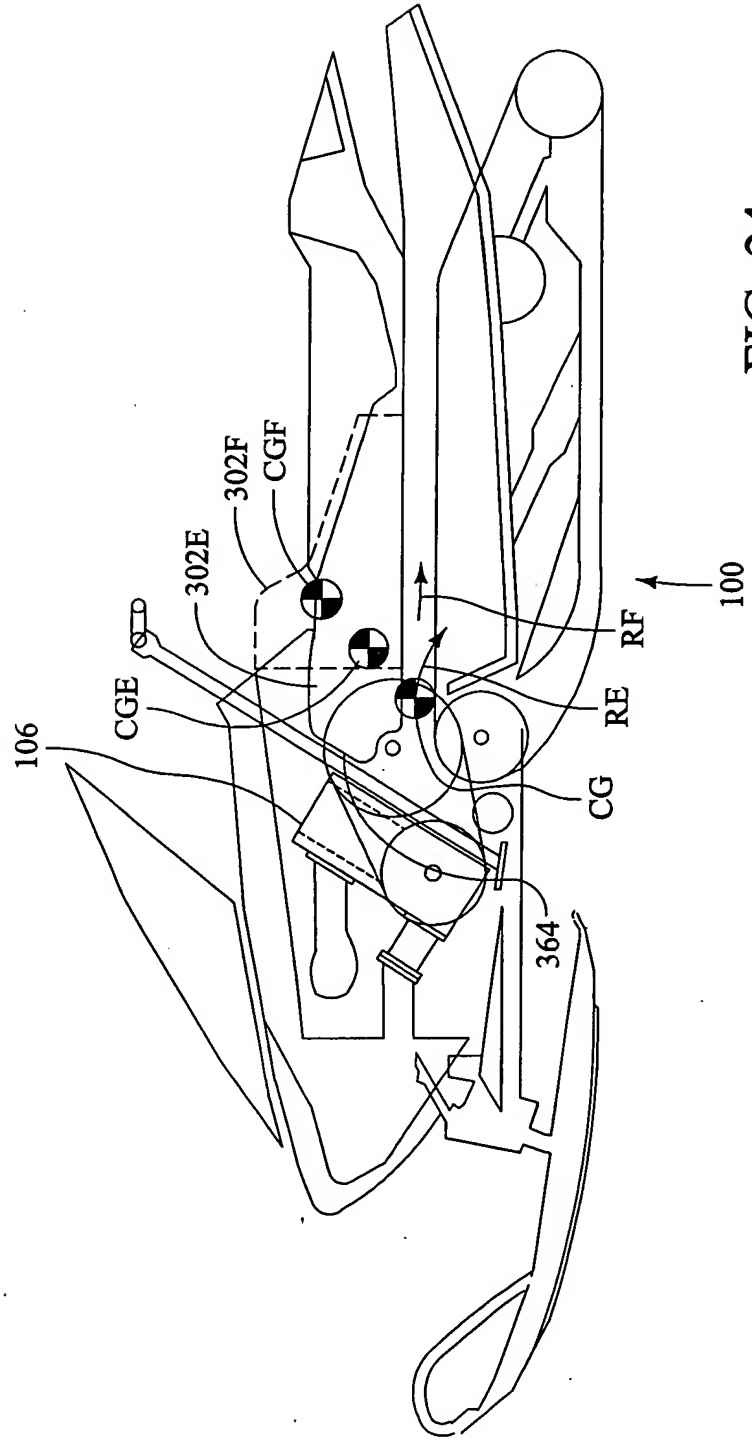


FIG. 24

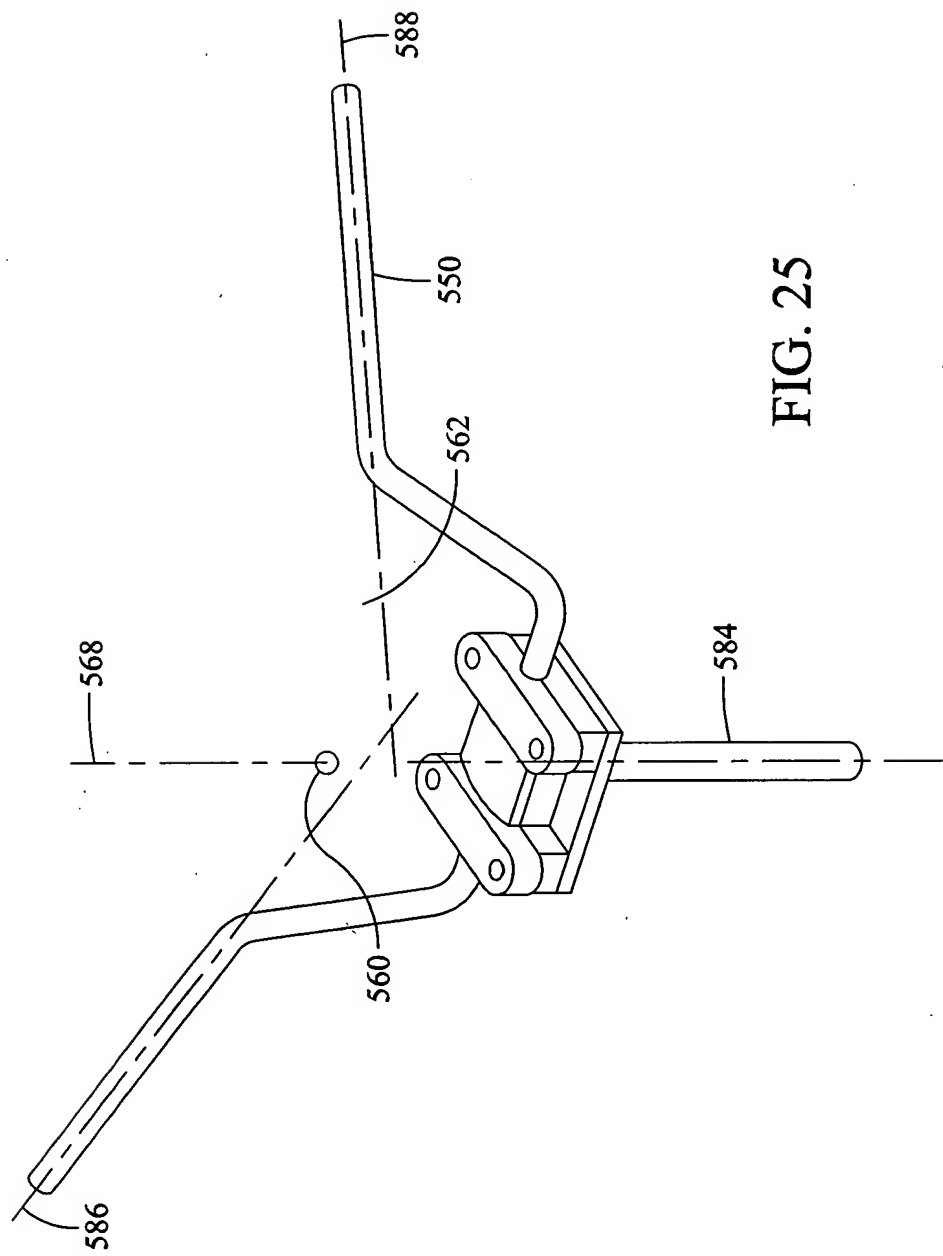
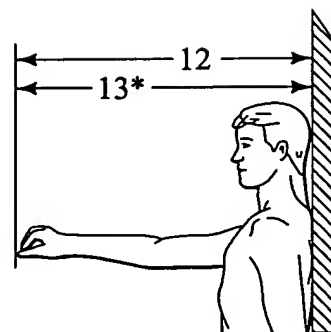
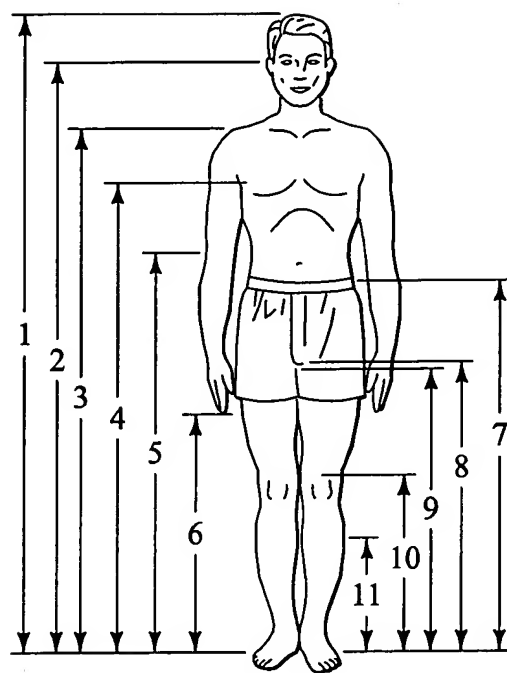


FIG. 25

| | PERCENTILE VALUES IN CENTIMETERS | | | | | |
|-----------------------------------|----------------------------------|----------|-------|------------------|----------|-------|
| | 5TH PERCENTILE | | | 95TH PERCENTILE | | |
| | GROUND TROOPS | AVIATORS | WOMEN | GROUND TROOPS | AVIATORS | WOMEN |
| WEIGHT (kg) | 55.5 | 60.4 | 46.4 | 91.6 | 96.0 | 74.5 |
| STANDING BODY DIMENSIONS | | | | | | |
| 1 STATURE | 162.8 | 164.2 | 152.4 | 185.6 | 187.7 | 174.1 |
| 2 EYE HEIGHT (STANDING) | 151.1 | 152.1 | 140.9 | 173.3 | 175.2 | 162.2 |
| 3 SHOULDER (ACROMIALE) HEIGHT | 133.6 | 133.3 | 123.0 | 154.2 | 154.8 | 143.7 |
| 4 CHEST (NIPPLE) HEIGHT * | 117.9 | 120.8 | 109.3 | 136.5 | 138.5 | 127.8 |
| 5 ELBOW (RADIALE) HEIGHT | 101.0 | 104.8 | 94.9 | 117.8 | 120.0 | 110.7 |
| 6 FINGERTIP (DACTYLION) HEIGHT | | 61.5 | | | 73.2 | |
| 7 WAIST HEIGHT | 96.6 | 97.6 | 93.1 | 115.2 | 115.1 | 110.3 |
| 8 CROTCH HEIGHT | 76.3 | 74.7 | 68.1 | 91.8 | 92.0 | 83.9 |
| 9 GLUTEAL FURROW HEIGHT | 73.3 | 74.6 | 66.4 | 87.7 | 88.1 | 81.0 |
| 10 KNEECAP HEIGHT | 47.5 | 46.8 | 43.8 | 58.6 | 57.8 | 52.5 |
| 11 CALF HEIGHT | 31.1 | 30.9 | 29.0 | 40.6 | 39.3 | 36.6 |
| 12 FUNCTIONAL REACH | 72.6 | 73.1 | 64.0 | 90.9 | 87.0 | 80.4 |
| 13 FUNCTIONAL REACH, EXTENDED | 84.2 | 82.3 | 73.5 | 101.2 | 97.3 | 92.7 |
| | PERCENTILE VALUES IN INCHES | | | | | |
| | | | | | | |
| | | | | | | |
| WEIGHT (lb) | 122.4 | 133.1 | 102.3 | 201.9 | 211.6 | 164.3 |
| STANDING BODY DIMENSIONS | | | | | | |
| 1 STATURE | 64.1 | 64.6 | 60.0 | 73.1 | 73.9 | 68.5 |
| 2 EYE HEIGHT (STANDING) | 59.5 | 59.9 | 55.5 | 68.2 | 69.0 | 63.9 |
| 3 SHOULDER (ACROMIALE) HEIGHT | 52.6 | 52.5 | 48.4 | 60.7 | 60.9 | 56.6 |
| 4 CHEST (NIPPLE) HEIGHT * | 46.4 | 47.5 | 43.0 | 53.7 | 54.5 | 50.3 |
| 5 ELBOW (RADIALE) HEIGHT | 39.8 | 41.3 | 37.4 | 46.4 | 47.2 | 43.6 |
| 6 FINGERTIP (DACTYLION) HEIGHT | | 24.2 | | | 28.8 | |
| 7 WAIST HEIGHT | 38.0 | 38.4 | 36.6 | 45.3 | 45.3 | 43.4 |
| 8 CROTCH HEIGHT | 30.0 | 29.4 | 26.8 | 36.1 | 36.2 | 33.0 |
| 9 GLUTEAL FURROW HEIGHT | 28.8 | 29.4 | 26.2 | 34.5 | 34.7 | 31.9 |
| 10 KNEECAP HEIGHT | 18.7 | 18.4 | 17.2 | 23.1 | 22.8 | 20.7 |
| 11 CALF HEIGHT | 12.2 | 12.2 | 11.4 | 16.0 | 15.5 | 14.4 |
| 12 FUNCTIONAL REACH | 28.6 | 28.8 | 25.2 | 35.8 | 34.3 | 31.7 |
| 13 FUNCTIONAL REACH, EXTENDED | 33.2 | 32.4 | 28.9 | 39.8 | 38.3 | 36.5 |

* BUSTPOINT HEIGHT FOR WOMEN

FIG. 26



* SAME AS 12, HOWEVER,
RIGHT SHOULDER IS EXTENDED
AS FAR FORWARD AS POSSIBLE
WHILE KEEPING THE BACK OF
THE LEFT SHOULDER FIRMLY
AGAINST THE BACK WALL

FIG. 27